Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 04 Feb 2021 until 23:59 on Friday 05 Feb 2021

Forecast Issued on Thursday 04 Feb 2021 at 01:36

Confidence: High for generally unsettled conditions and turning colder over the weekend, but some uncertainty regarding the timing and extent of snow

Headline for Thursday 04 Feb 2021: Cloudy with occasionally heavy snow gradually turning to rain.

Mountain weather hazards on Thursday 04 Feb 2021

Blizzards
Low Likelihood

Heavy Snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Sleet	Cloudy	Cloudy	Fog	Light rain
Precipitation probability					
90%	70%	40%	20%	20%	60%

Forecast for Thursday 04 Feb 2021

Weather: A cloudy and wet start, with snow falling above 600m. Rain and hill snow clearing northwards during the late morning but remaining mostly cloudy in the afternoon. Cloud thickening again in the evening with further outbreaks of rain.

Chance of cloud free mountain/hill tops above 600m: Generally 10-20% with extensive cloud above 300-400m, but chances increase for a time in the afternoon to 30-40% with periods of cloud above 500m.

Visibility: Away from cloud visibility generally good or moderate, but reducing to around a few kilometres in snow and rain, and falling to less than a kilometre in heavy snow and near zero in any blizzards and drifting snow.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 04 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 E	7/13 E	9/16 SE	10/17 SE	12/20 SE	12/21 E	14/23 E
300	6/14 E	6/14 E	7/16 SE	8/17 SE	8/19 E	9/21 E	9/20 E
Valley	8/16 E	9/21 E	10/20 SE	10/21 SE	9/22 E	10/22 E	9/21 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	1/-3	1/-3	2/-2	1/-3	1/-4	1/-4
300	2/-1	2/-1	4/1	4/1	3/-0	3/-0	3/-0
Valley	3/0	4/1	6/3	6/3	4/1	4/1	4/1
Freezing Level*	800m	1000m	1000m	900m	900m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Snow melt possible during afternoon and evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 04 Feb 2021	14.6mm	38.6mm	39.6mm

Forecast for Friday 05 Feb 2021

Weather: Remaining cloudy and breezy with further outbreaks of rain, turning wintry over the summits later in the day.

Maximum wind: Easterly 15-20mph gusting 25-30mph.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the day.

Visibility: Periods or persistent cloud above 200-300m. Away from cloud visibility good to moderate, but falling to just a few kilometres in rain, sleet and later snow.

Temperature: **Valleys:** Around plus 2 or 3 Celsius at dawn rising to plus 5 Celsius by day.
At 600m: Around plus 2 Celsius
Freezing level: Above the summits falling to 750m later.

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